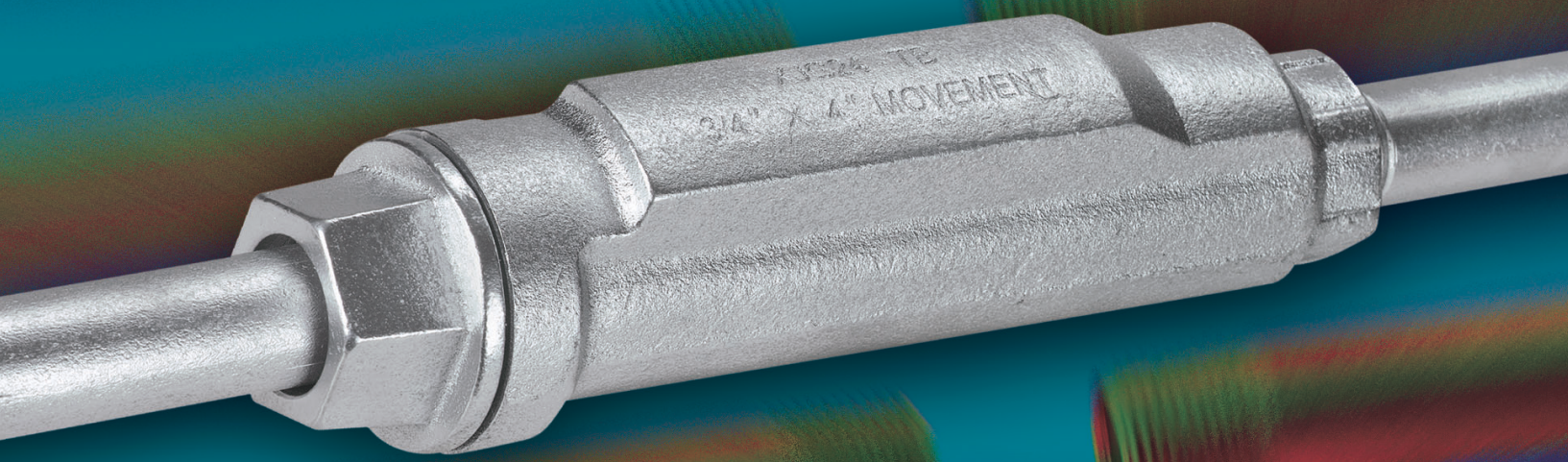
Thomas&Betts

No Disassembly Required.



The New XJG-TB Rigid
Conduit Expansion Coupling -

Easy to install -
Saves time and money on the job

PATENT PENDING

Just A Few Turns and You're Done.

Whenever you install a rigid expansion coupling in a long conduit run, you normally need three hands, two strong backs and lots of patience. Now you can relax. T&B introduces the new, no-hassle Rigid Conduit Expansion Coupling. Installation's just a few turns and you're done.

The T&B Rigid Conduit Expansion Coupling features innovations that provide conveniences to the installer, saving time and money on the job. There's no disassembly needed during the installation, requiring fewer tools and less opportunities for lost pieces.

1

Slide the fitting onto the conduit until it stops at the internal sliding bushing. Tighten and you're ready. No parts to reassemble!

2

With a wrench, tighten the gland nut to compress the Teflon packing, creating a rain-tight seal around the conduit.

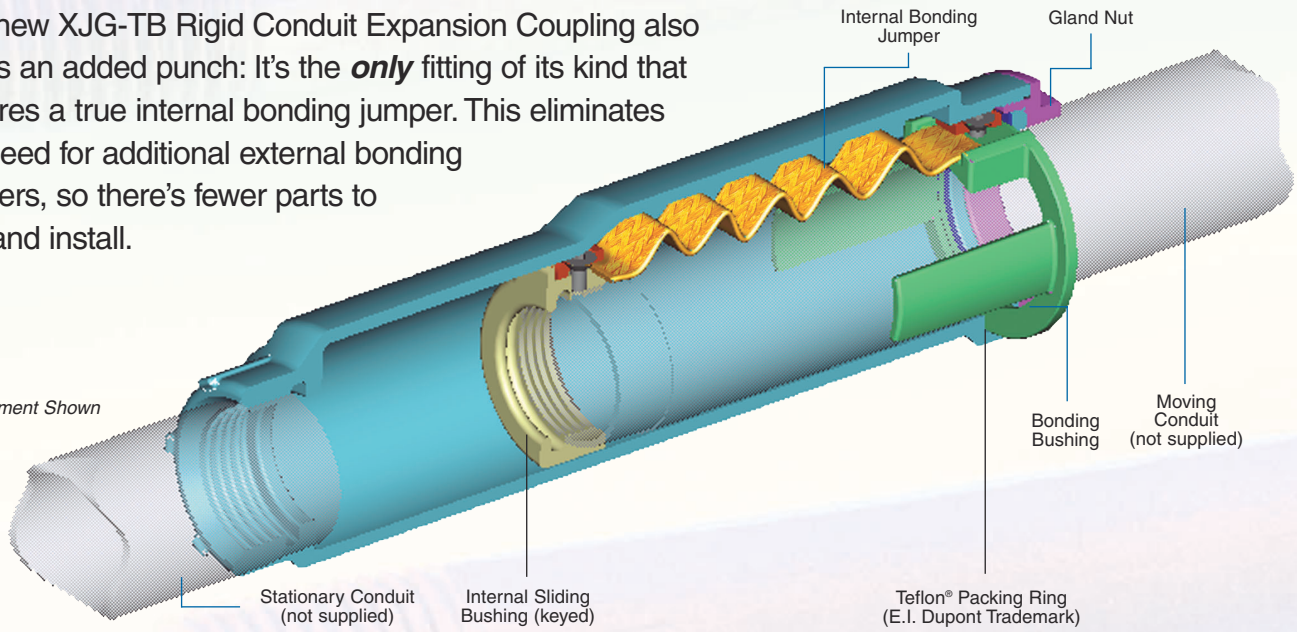
3

Thread the next length of conduit into the other end of the fitting and tighten. You're done!

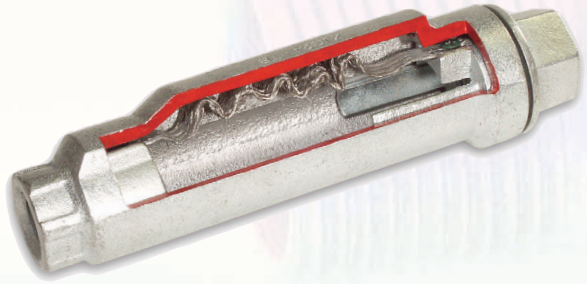
Thomas&Betts

No External Bonding Jumper Required.

The new XJG-TB Rigid Conduit Expansion Coupling also packs an added punch: It's the ***only*** fitting of its kind that features a true internal bonding jumper. This eliminates the need for additional external bonding jumpers, so there's fewer parts to buy and install.



8" Movement Shown

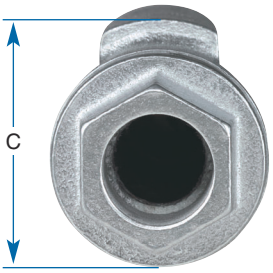


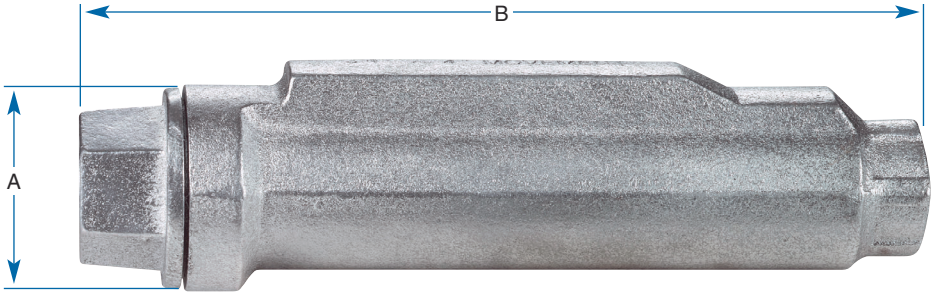
4" Movement Shown

Innovative Design Makes Installations Easier.

- No disassembly necessary to install
- Fast, simple, and requires fewer steps
- True Internal Bonding Jumper - no external grounding strap required
- Tamper-proof internal jumper protected from the environment
- Exceeds code requirements for long conduit runs to permit linear movement

If you need a fitting that can give and take without a lot of hassle, reach for T&B's new XJG-TB Rigid Conduit Expansion Coupling. It's the latest break-through in the industry's leading line of conduit fittings. Contact your local representative for more information regarding the XJG-TB Rigid Conduit Expansion Coupling and the complete line of conduit fittings from the name you trust for quality design and manufacturing, Thomas & Betts.





T&B® XJG Expansion Coupling Order Information

Catalog No.	Size	Movement	A Diameter	B Length	C Height
XJG24-TB	3/4"	4"	2.43	10.00	2.75
XJG28-TB	3/4"	8"	2.43	14.00	2.75
XJG34-TB	1"	4"	2.67	10.00	2.99
XJG38-TB	1"	8"	2.67	14.00	2.99
XJG44-TB	1 1/4"	4"	3.36	10.56	3.68
XJG48-TB	1 1/4"	8"	3.36	14.56	3.68
XJG54-TB	1 1/2"	4"	3.36	10.56	3.68
XJG58-TB	1 1/2"	8"	3.36	14.56	3.68
XJG64-TB	2"	4"	3.86	11.25	4.18
XJG68-TB	2"	8"	3.86	15.25	4.18
XJG74-TB	2 1/2"	4"	4.96	12.12	5.25
XJG78-TB	2 1/2"	8"	4.96	16.12	5.25
XJG84-TB	3"	4"	4.96	12.12	5.25
XJG88-TB	3"	8"	4.96	16.12	5.25
XJG94-TB	3 1/2"	4"	6.37	12.87	6.75
XJG98-TB	3 1/2"	8"	6.37	16.87	6.75
XJG104-TB	4"	4"	6.37	12.87	6.75
XJG108-TB	4"	8"	6.37	16.87	6.75
XJG1208-TB	5"	8"	7.99	18.87	8.56

Please consult Technical Services for special orders and availability of products not shown in this list.

Listed / Certified By:

UL (File E23018, Std. 514B)
Suitable for Wet Locations

CSA (File LR2884, Std. C22.2 No. 18)

Suggested Specifications

Expansion Fittings for Rigid Steel or Intermediate Metal Conduit

Where raceways require expansion fittings to compensate for thermal expansion and contraction and where expansion fittings and telescoping sections of metal raceway shall be made electrically continous by bonding jumpers or other means:

- Fitting will be constructed from malleable or ductile iron with exterior and interior zinc plating for corrosion protection.
- The fitting shall be constructed so that disassembly is not required during installation.
- Fitting shall be raintight after installation.
- The fitting shall have an internal bonding jumper constructed of a tinned copper braid, sized to meet UL fault current test requirements and comply with bonding requirements - NEC article 250.98
- External bonding jumper shall not be required to comply with NEC requirements.
- Accepted Manufacturers: Thomas & Betts - XJG-TB Series

Standard Materials / Finish

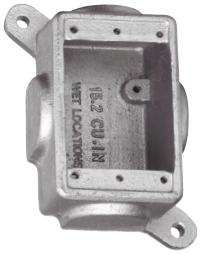
Body .....Malleable or Ductile Iron, available PVC Coated

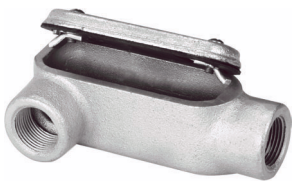
Internal Bonding Jumper .....Tinned Copper Braid

Exterior and Interior Finish.....Zinc Plating, Aluminum Acrylic Paint

Packing .....PTFE/Synthetic Fiber Material (Teflon® Coated)

Test report available upon request.





Our complete line makes specifying easy too.

Thomas & Betts offers a wide variety of quality fittings suitable for outdoor use and hazardous locations. Contact your local T&B Sales Representative for a catalog and product demonstration.

Thomas&Betts

For free Fax-On-Demand service for technical documentation, brochures and product literature call **1-800-858-6022** or **www.tnb.com**.
For Customer Service, call **1-800-816-7809.**
For tool service and repair, call **1-800-284-8665.**
For technical questions, call **1-888-862-3289.**

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